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	(9) WASTE DESCRIPTION Building tubble/plant harding	SOLIDIFICATION AGENT	AW / 50	ur. Co		h === b == 0.	de to the Si	outh Carol	ina Denartri	ent of Healt	th and Environm	nental Control th	at this shipment
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Operated by CHEM NUCLEAR SYSTEMS, INC

GENERATOR NAME LIMETCO MINERAL CORP

CONTINUATION SHEET

USE THIS NUMBER ON VOLUME ALLOCATION NO ALL CONTINUATION PAGES

PAGE _2_ OF _2__

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Form No CNS 201 (9-83)

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SHIPPENT NO. 615-3001

Tri-State Motor Transit Company

Carriers	NT.	65		95	`
I arrier s	N ₁		•	-	

Name of Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of the Issue of this Bill of Lading

Umetco Minerals Corporation

METALS DIVISION

XINION CARBIDE CORPORATION (

AT Marietta (Ohio)

Aug. 14; 19 84 From

Miagara Falls, NY For use via carrier truck under the exclusive/sole use shipments/movements

the property described below, in apparent good order except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated below, which said carrier (the word carrier being understood through out this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in allor any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

	CHEM-NUCLEAR SYSTEMS, INC. WEST-STEMS INC. SYSTEMS INC. SYSTEMS INC. SYSTEMS INC.			HIPPER 5 OF			ORDER NO
Destination _	WAXWA BAPNWELL (Osbern Road)	State Colorado	S. Caro	lina	County_MAIX	oše BA	RNWELL
Route					· ····	C1	·
Delivering C	arrier Tri-State Motor Transit	Car or _Vehicle Initials	2000	No	44543	Seal No	262501
No Packages	Kind of Package, Description of Articles, Special marks, and Exceptions	*Weight (Sub-ro- correction)	‡Class or Rate	Check Column	of applicable shipment is	bill of l to be del	of Conditions ading if this ivered to the ourse on the
8	Radioactive Materials, LSA nos (520 cu. ft.)				consignor, the	e consigno statement	or shall sign t make deliv
	RadioactivexMaterialy UNY 29/12	r			ery of this ment of freig	shipment	
	Ŭ-NaYufăl				charges		
	Uranium Thorium Residues (Fibm Chemical Minicessing)				(Signa	rure of cons	signor)
	0-016)Max (Curies pery Rickage Less than one () pound so	urce		vision charges y	aregro ybe "Tobe Pre	prepaidy write
	material - solid, metal oxide, contam	inated			_ Third	Party	
	building rubble, wood and plant equip	nent.			KKEKAKK	. (SE	E BELOW)
					Received \$ _		of the charges
	This is to certify that the above named materials are prope marked and labeled and are in proper condition for transportations of the Department of Transportation	rly classified desportation according	cribed pac g to the app ?	kaged licable	on the propert	y described	hereon
	Signed /				Age	ent or Cash	iet
	()	a.'E. Walck			Per		
	Vehicle assigned for sole use of consignor Do not load of	ther freight on th	ne vehicle	do not _	only the amou		acknowledges)
-	transfer in route and do not break the seal on truck				Ch	arges advan	nced
					_ s		
	Carrier hereby acknowledges that prior to or at the til transportation the shipper provided or affixed, accord required placards or orange panels (including piescribed hazardous material named hereon	ing to applicable	regulation	is the	Correct weight Subject to veri	is fication by Vans	als Corp
	Signed				P. O. B	ox 97	
							s, NY 14
		dung					
The agreed or o	declared value of the property is hereby specifically stated by the shipper to be not excee			A 1:	per		
- 16	UNION CARBIDE CORPORATION Umetco Manera	Is Corp.	1-14-	2/5 54	1-11/1	7/	Agent
Permanent posts address of ships UC 326-34	G. E. Halck)	101		· ·			···

Form RHA-PNC (5/80)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTRL Radioactive Waste Shipment Prior Notification and Manifest Form

	Reverse Side fo	r Instructions	11- for Police true					
. Name and Address of Shipper.			sponsible for Radioactive					
Umetco Minerals Corpora	tion	Waste Shir (a) Name	G. E. Walck					
137 47th Street			Construction Superintende					
Niagara Falls, NY 1430	2	(b) Title Construction Superinter (c) Telephone No. (716) 278-3361						
Radioactive Waste Transport Pe	rmit No.	4. Shipment Identification No.:						
0211-31-84-X		0884-	-322A					
Location from which waste will	be shipped	6. Name and	ddress of Consignee					
	ļ	P.O. Box	clear Systems, Inc.					
Same as (1) Above		P.U. DUZ	South Carolina 29812					
Scheduled Date of Departure of	Shipment	8. Estimated	Date of Arrival of Shipment					
August 14, 1984		August.	16, 1984					
Carrier.	10. Type of Tri	ansport Vehicle	11. Trailer No. and Owner					
Tri-State Motor Transi	Closed '	Van	(if available)					
. Routes shipment will follow i	n State of Sout	h Carolina (Be S	pecific):					
I-20, I-26, US-321	, S.C. 3 and	d S.C. 64						
	Manifest S							
Type Container or Cask	14. Containe	r Spec.	15. Total No. of Containers					
Wood Boxes	CFR 49 17		8					
Waste Description, Physical a	nd		t Radionuclides					
Chemical Form Contaminate	ed Solids,	Uraniu	n (Nat.) .0028					
l Oxides, Bldg. Rubble,	Wood and	Thorium	n (Nat.) .004					
t Hardware	19 Transport	Group	20. Total Cubic Feet					
3. Total Curies .068	III		520					
	l quantities [] Noactive []	Normal Form Type A quantity Type B quantity Large quantity	Special Form Fissile [] Type A quantity [] Class I [] Type B quantity [] Class II [] Large quantity [] Class III					
Tipe democratic	CERTIFIC	ATION						
thereby certify on behalf of the ind Environmental Control that the best of my knowledge, and that the Act No. 499 of 1980, the South Control August 8, 1984 G. E. Walck - Construct Typed Name and Title of Agent of	ne shipper has carolina Radioact	complied with all tive Waste Transp	CIC PLOTIDEDING					
	CONSIGNEE ACK							
This acknowledges to the Sout the above-described radioacti	h Carolina Depa ve waste shipme	rtment of Health nt was received	and Environmental Control that					
Date of Delivery		Signature O Agent	f Consignee or authorized					
		Typed or Pr	inted Name and Title					

DHEC 802 (5/80)

Original: S. Carolina (Copies of this form may be reproduced locally as needed)

Copy: Chem-Nuclear

UN2912

General Instructions and Information

1. This form is to be used to provide the Department with prior notification of radioactive waste shipments transported into or within the State of South Carolina. This notification is to be made 72 hours before the expected date of arrival in the State. All written notices should be mailed to:

Bureau of Radiological Health Radioactive Waste Management Section S.C. Dept. of Health and Environmental Control 2600 Bull Street Columbia, South Carolina 29201

- 2. A separate form shall be submitted for each radioactive waste shipment.
- 3. Prior notification is required of all radioactive waste shipments as defined in paragraph 2 of Interim Regulations for the Transportation of Radioactive Waste into or within South Carolina except as provided in paragraph 4.1.2 of the Regulation.
- 4. The "Manifest Summary" portion of this form will satisfy requirements of providing the Department with a shipping manifest, however, it does not satisfy the requirements of shipping documents which shall accompany the shipments as required by DOT Regulations and the disposal facility's license and criteria.
- 5. A copy of this completed form shall be provided to the carrier and all drivers of the radioactive waste shipment.
- 6. Upon delivery of the shipment to the consignee, acknowledgement of receipt shall be obtained, and a copy of this form and the shipper/carrier's certification form shall be returned to the Department.

Specific Instructions

Item Number

- 1. Self Explanatory
- 2. Self Explanatory
- 3. This item applies to all shipments of radioactive waste transported to and within the State of South Carolina.
- 4. Each shipment of radioactive waste shall be identified in some manner by the shipper. This number can be a radioactive shipment record number, bill of lading number, allocation number, etc. The identification number shall only be used once to identify the one shipment for which notification is being made.
- Self Explanatory
- 6. Indicate in this item the disposal facility, company, organization, etc., to which this shipment has been consigned.
- 7. Self Explanatory
- 8. For through shipments, indicate in this item estimated date shipment will pass through the state.
- 9. Self Explanatory
- 10.& 11. Applies only to exclusive use, sole use, and full load shipments.
- 12. All routing information must be specific. You should check with carrier to insure routes you prescribe are appropriate. The carrier is responsible to inform the Department of any changes of routes in South Carolina after departure.
- 13 thru 21. Self Explanatory

Certification: To be signed only by an authorized representative or agent of the shipper and carrier.

DHEC 802 (5/80)

Form RHA CT (5/80)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL Radioactive Waste Shipment Certification Form

General Instructions and Information: This is a two part form to be used by shippers and carriers of radioactive waste. The certifications contained herein satisfy the requirements of Section 13-7-150, of Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act. This certification along with a copy of the prior notification form shall accompany each shipment of radioactive waste into and within the State of South Carolina. The shipper is to complete his portion of the form and present it to the carrier as part of the shipping documents. Upon receipt, the carrier shall complete his portion of the form. Upon delivery of the shipment to the consignee, a copy of this certification form, and a copy of the Prior Notification and Manifest form with the consignee acknowledgement, shall be returned to the Department.

the Department.	S gentlance
Part I:	Shipper's Certificate of Compliance 2. Shipment Identification No.
1 Name of Shipper and Address:	2. Shipment Identification No.
 Name of Shipper and Address: Umetco Minerals Corporation 	0884-322A
137 47th Street	3. Transport Permit No.
Niagara Falls, NY 14302 Telephone No. (716) 278-3361	0211_31_84_Y

Disposal Act, I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the above-named shipper has complied with all provisions of Act No. 499 of 1980, and all applicable laws and administrative rules and regulations, both State and Federal, regarding the packaging, transportation, storage, disposal and delivery of such wastes. I further certify that this shipment of radioactive waste has been inspected within 48 hours of the time of departure and that no items of non-compliance with applicable laws, rules or regulations were found.

Dat	e	 ١u٥	ust	14	_	19	984		
	_	 _		_				•	Curamintandant

G. E. Walck, Construction Superintendent

Typed Name and Title of Agent of Shipper

Signature (G. E. Walck)

Typed Name and Title of Agent of Duality	(U. 2. Maron)
Part II: Carrie	c's Certification 2. Shipment Identification No.
1. Name of Carrier and Address: Tri-State Motor Transit Company	0884-322A
P. O. Box 113 Joplin, Missouri 64801	3. Transport Trailer No. 444543
Telephone No. (800) 641-7591 4. Scheduled Date of Departure of Shipment: August 14, 1984	5. Estimated Date of Arrival of Shipment: August 16, 1984 Frygronmental Control

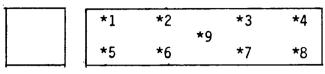
Certification is hereby made to the South Carolina Department of Health and Environmental Control that: (a) the shipper has provided the carrier with a copy of the shipment manifest, the certificate of compliance, and the routing instructions; (b) the shipment of radioactive waste has been properly placarded for transport according to applicable U.S. Department of Transportation Regulations; (c) all shipping papers originated or reproduced by the carrier have been properly executed; (d) the transport vehicle has been inspected according to applicable State and Federal regulations within the prescribed intervals and that all safety and operational components are in good working order and meet the requirements of regulations; (e) all drivers who will operate the vehicle within the State of South Carolina are qualified to transport hazardous materials as specified by applicable U.S. Department of Transportation regulations; (f) the Department shall be immediately notified of any variance, occuring after departure, from the shipper's notification of primary routes in South Carolina and estimated date of arrival; (g) all applicable laws and administrative rules and regulations, both State and Federal, regarding the transportation of radioactive wastes will be complied with.

radioactive wastes will be complied with	
DateAugust 14, 1984	fest. Coff
Ricky Wofford, Driver	Signature
Typed or Printed Name and Title	029

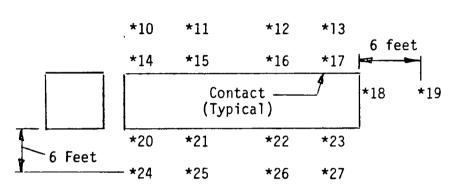
UMETCO MINERALS CORPORATION NIAGARA FALLS, NEW YORK

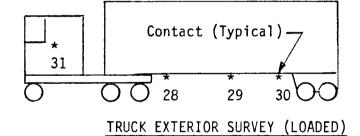
DATE 8-14-84
SHIPMENT NO. 615-3001

TRACTOR NO. 2088
TRAILER NO. 444543



TRUCK FLOOR SURVEY (UNLOADED)





NO.	007 .007 .007 .007 .007 .007 .007	B 60
1	,007	60
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18	-018	_
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27	,012	
28	.042	
29	.012	
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31	.005	

LEGEND:

* Location of Reading

 δ = mR/hr Ludlum Model 19 (S/N 22534)

 β = dpm/100 cm² Ludlum Model 15 (S/N 28886) w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

(Survey performed by)

					Date	8-13	3-84
		CONTA	INER SU	RVEY			
BOX CONTROL	NO. UM8	4-101	вох	CAULKED		YES	
BOX BANDED_	YE	5	вох	WEIGHT_		5890	
		RADIAT	ION SUR	VEY (Tota	al)		
CONTACT	.048		mR/hr.				
3 FEET	, 020		mR/hr.				
INSTRUMENT_	Ludlum Mode	19					
SERIAL NUMB	ER 22534						
		RADIATION	SURVEY	(Removab	<u>le)</u>		
SMEAR NO	A-23	565					
	0	dpm/100cm ²	\propto				
	3KG	_dpm/100cm ²	B				
INSTRUMENT_	NMC Model F	PC-55					
SERIAL NUMB	ER <u>81-2712-</u>	-05	<u> </u>				

	Date	8-13-84
CONTAINER SURVEY		
BOX CONTROL NO. UM 84 - 102 BOX CAULK	ED	YES
BOX BANDED YES BOX WEIGH	Т	5855
RADIATION SURVEY (T	otal)	
CONTACT , 0 50 mR/hr.		
3 FEET mR/hr.		
INSTRUMENT Ludlum Model 19		
SERIAL NUMBER 22534		
RADIATION SURVEY (Remov	able)	
SMEAR NO. A - 23566		
dpm/100cm ² ~		
BKG_dpm/100cm ² B		
INSTRUMENT NMC Model PC-55		
SERIAL NUMBER 81-2712-05		

		Date	8-13-84								
CONTAI	CONTAINER SURVEY										
BOX CONTROL NO. UM 84-103	BOX CAULKED)	1 ES								
BOX BANDED YES	BOX WEIGHT_		4916								
RADIATI	ON SURVEY (Tot	tal)									
CONTACT . 0 70	mR/hr.										
3 FEET . 0 19	mR/hr.										
INSTRUMENT Ludlum Model 19											
SERIAL NUMBER 22534											
	SURVEY (Removab	ole)									
SMEAR NO. $\triangle - 23567$ O dpm/100cm ²	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~										
BKG- dpm/100cm ²											
INSTRUMENT NMC Model PC-55											
SERIAL NUMBER 81-2712-05											

			Date	8-13-84
	<u>CON</u>	ITAINER SURVE	<u>Y</u>	
BOX CONTROL	NO. UM 84-1	0 4 BOX CAI	JLKED	YES
BOX BANDED	YES	BOX WE:	IGHT	5310
	RADI	ATION SURVEY	(Total)	
CONTACT	. 070	mR/hr.		
3 FEET	. 0 23	mR/hr.		
INSTRUMENT	Ludlum Model 19			
SERIAL NUMBE	R 22534			
	RADIATIO	N SURVEY (Ren	novable)	
SMEAR NO	A-2356	8		
	dpm/100c	$_{\rm m}^2 \propto$		
var	BKG- dpm/100c	m ² B		
INSTRUMENT	NMC Model PC-55	_ 		•
SERIAL NUMBE	R <u>81-2712-05</u>			

		Date	8-13-84
CONTA	AINER SURVEY		
BOX CONTROL NO. UM 84 - 105	5 BOX CAULKE	D	1ES
BOX BANDED YES	BOX WEIGHT		4783
RADIAT	TION SURVEY (To	tal)	
CONTACT 015	_ mR/hr.		
3 FEET . O !!	_ mR/hr.		
INSTRUMENT Ludlum Model 19			
SERIAL NUMBER 22534			
RADIATION	SURVEY (Removal	ole)	
SMEAR NO. A - 2356	9		
dpm/100cm ²	2 ∝		
BKG_dpm/100cm ²	B		
INSTRUMENT NMC Model PC-55			
SERIAL NUMBER 81-2712-05			

	Date 8-13-84
CONTAINER SURVEY	
BOX CONTROL NO. UM 84-106 BOX CAULKEE	YES
BOX BANDED Y € S BOX WEIGHT	5264
RADIATION SURVEY (Tot	tal)
CONTACT .050 mR/hr.	
3 FEET . 020 mR/hr.	
INSTRUMENT Ludlum Model 19	
SERIAL NUMBER 22534	
RADIATION SURVEY (Removab	ole)
SMEAR NO. $A - 23570$ $O \qquad dpm/100cm^2 \propto$	
BKG dpm/100cm ² B	
INSTRUMENT NMC Model PC-55	-
SERIAL NUMBER 81-2712-05	

Umetco	Mir	iera	1s	`Corpo	ratio	n
Niaga	ra	Fal	ls	New	York	

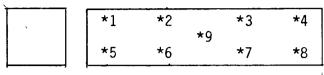
Date 8-13-84
CONTAINER SURVEY
BOX CONTROL NO. UM84-107 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 5315
RADIATION SURVEY (Total)
CONTACT mR/hr.
3 FEET mR/hr.
INSTRUMENT Ludlum Model 19
SERIAL NUMBER 22534
RADIATION SURVEY (Removable)
SMEAR NO. A-23571
$\frac{O}{dpm/100cm^2} \propto$
BKG dpm/100cm ² B
INSTRUMENT NMC Model PC-55
SERIAL NUMBER 81-2712-05

	Date_	8-13-84								
CONTAINER SURVEY										
BOX CONTROL NO. UM 84-108 BOX CAULKE	D	YES								
BOX BANDED YES BOX WEIGHT		5182								
RADIATION SURVEY (To	tal)									
CONTACT .055 mR/hr.										
3 FEET . 0.18 mR/hr.										
INSTRUMENT Ludlum Model 19										
SERIAL NUMBER 22534										
RADIATION SURVEY (Removal	ble)									
SMEAR NO. A - 23572										
dpm/100cm ² <										
BKG dpm/100cm ² B										
INSTRUMENT NMC Model PC-55		-								
SERIAL NUMBER 81-2712-05										

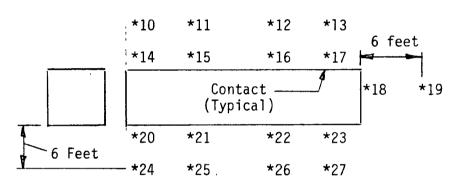
UMETCO MINERALS CORPORATION NIAGARA FALLS, NEW YORK

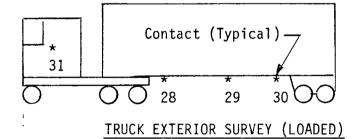
DATE 8-14-84
SHIPMENT NO. 615-3001

TRACTOR NO. 2088
TRAILER NO. 444543



TRUCK FLOOR SURVEY (UNLOADED)





NO.	7 .007 .007 .007 .007 .007 .007	\$ 60 -
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4	,007	60
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11	.013	
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14	,027	
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16	.014	
17	.026	
18	-018	
19	,010	
20	. 0.26	
21	018	
22	.022	
23	,025	
24	,013	
25	012	
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28	,042	
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NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	.070	
31	.010 .013 .013 .013 .027 .016 .014 .026 .018 .010 .026 .018 .022 .018 .012 .012 .012 .012 .012 .012	

LEGEND:

* Location of Reading

 β = dpm/100 cm² Ludlum Model 15 (S/N 28886) w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

Servey performed by)

address 137 - 4714, STREET	P 0 Box 72	CHEM-NUC 6, Barnwell, (803) 259	CLEAR SYS South Card 9-1781	TEMS, ING olina 2981	C l2	CARRIE			Tupling DAT		-84
CITY NIGATA FALLS STATE NY CONTACT G & WALCK PHONE (716) 278-		IVE`SHIPMEI	∿T MANIFI	EST FORM		SHIPME	NT TYPE	/AL/ SHIP	MENT SURFACE	E EXPOSURE	1 mR/hF
CONTACT G WALCK PHONE (716) 278 ~ (2) consigned to CHEM NUCLEAR SYSTEMS, INC P O BOX 726, OSBORN ROAD BARNWELL, S C 29812	(3) USE THIS NUMBER ON ALL CONTINUATION PAGES		LOCATION N $l-323$		PAGE /	DRIVER		_	7 WSOL		
(5) TOTAL FOR EACH CLASS NO OF PACKAGES Radioactive Material, empty packages Radioactive Material, fissile, n o s — Radioactive Material, low specific activity, n o s — Radioactive Material, n o s — Radioactive Material	2 101) laterial Radioactive Material	UN2908 UN2918 UN2912 UN2982	VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES		ACTIVITY (100F Curies S)	FR 20 311) Millicuries Tc 99	I 129	SOURCE (Pounds)	(7) TO ISOTOPE U 233 U 235 TOTAL	GRAMS UA
Radioactive Material, limited quantity, n o s — Radioactive Material, special form, n o s — Radioactive Material, instruments and articles—R Other (Specify) (9) WASTE DESCRIPTION Contained Rubble	adioactive Material	UN2910 UN2974 UN2911]	(CU FT)_	CHEMICAL FO	ORM AND	 G AGENT(S)	METAL	Oxides	(12) WAST A	TE FORM CLASS
(13) Yes () No THIS VEHICLE IS CONSIGNED EXCLUSIVE USE ACCOMPLISHED BY CONSIGNOR OR CONSIGN (14) IMPORTANT "This is to certify that the above named materials are and labeled, and are in proper condition for transportation according Transportation	properly classified, described, package	d, marked	of le Mai am ma	ow level radio erial Licenso ended, and the de that the in	oactive waste e No 097 a he effective B nspection rev	e has been inspe s amended, an Barnwell Site Dis Vealed no items	ected in acc id the Nucl posal Criteri of non com	ordance with ear Regulato a within 48 h ipliance with	th and Environmenthe requirement ory Commission ours prior to ship if all applicable I	nts of South Car is License No ament and furth aws, rules and	rolina Radioact 12-13536 01 her certification regulations "
Signature Earl & Reagan & for Grompany agent for United Winder	S. Coxp Date 8-15	-84	Title	e and Organi	ization Ag	ent for ent for 54355	Un	etUca	Dr Bor Miser - 3361	oz E. WA als Corf) (CIC
This material meets all license requirements		CNCLUC									
☐ Discrepancy ☐											
ЭИД	2.4 198A						ens som en	A CONTRACTOR			
Date 8-23-84 Authorized Signature Software	Title In H.P. Jel,										e de la constante de la consta

. Form RHA-PNC (5/80)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTRL Radioactive Waste Shipment Prior Notification and Manifest Form

		F V							
See 1. Name and Address of Shipper	keverse Side	for Instructions 2. Person Res	sponsible for Radioactive						
	+*	Waste Ship	oment						
Umetco Minerals Corpora	LIOII	(a) Name	G. E. Walck						
137 47th Street		(b) Title	Construction Superintend						
Niagara Falls, NY 1430	<u>Z</u>	(c) Telepl	none No (716) 278-3361						
3. Radioactive Waste Transport Pe	rmit No.		Identification No.						
0211-31-84-X		088	34-323A						
5. Location from which waste will	be shipped	6. Name and	Address of Consignee						
		Chem-N	luclear Systems, Inc.						
Same as (1) Above		P.O. B	Sox 726 11. South Carolina 29812						
· ·		Barnwe	Date of Arrival of Shipment						
7. Scheduled Date of Departure of	Shipment		igust 17, 1984						
August 15, 1984		Au	igus (17, 1904						
9. Carrier	10. Type of T	ransport Vehicle	11. Trailer No. and Owner						
-State Motor Transit	Closed		(if available)						
	1								
12. Routes shipment will follow i	n State of Sou	ith Carolina (Be S	pecific)						
I-20, I-26, US-321,	5.C. 3 and	5.C. 64							
	Manıfest								
13 Type Container or Cask	14 Contair	ner Spec.	15. Total No. of Containers						
Wood Boxes	CFR 49	173.392 (c)	8						
16 Physical a			t Radionuclides						
16 Waste Description, Physical a Chemical Form Contaminate	d Solids		um (Nat.) .0028						
etal Oxides, Bldg. Rubble,	Wood and								
lant Hardware	wood and	Inorit	um (Nat.) .004						
18 Total Curies	19. Transpor	rt Group	20. Total Cubic Feet						
	111	т	520						
.068	11.	<u> </u>	320						
21 Waste Classification		Normal Form	Special Form Fissile						
[] Radioactive LSA [] Bulk LS	d quantities	[] Type A quantity							
		[] Type B quantity							
greater than and rac Type A quantities devices		[] Large quantity	[1 m] TTT						
Type A quantities devices	25 (1 mr.do dominato) 1. == 3. •								
	CERTIF:	ICATION							
I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health									
I hereby certify on behalf of the	above-named	shipper to the Sou	e complete and correct to the						
and Environmental Control that the information provided herein is complete and correct to the best of my knowledge, and that the shipper has complied with all the provisions as required by									
Act No. 499 of 1980, the South Ca	rolina Radioa	ctive Waste Transp	portation and Disposal Act.						
Act No. 499 of 1980, the South Ca	irorina nauroa	cerve masse	-						
Date August 8, 1984		4	_						
		£1	a Con a						
C F Unlak Constant	tion Cunt	_/9 ;	haleb						
G. E. Walck - Construc	tion supr.	2/1	C F Halak						
Typed Name and Title of Agent of	Shipper	Sygnature ((G. E. Waick)						
	CONSIGNEE AC	KNOWLEDGEMENT							
This acknowledges to the Sout	h Carolina Dep	artment of Health	and Environmental Control that						
the above-described radioacti	ve waste shipm	ent was received							
Date of Dolans		Signature of	f Consignee or authorized						
Date of Delivery		Agent	-						
		.							
		Typed or Pr	inted Name and Title						

Original: S. Carolina of this form may be reproduced locally as needed) Copy: Chem-Nuclear

UN2912

General Instructions and Information

1. This form is to be used to provide the Department with prior notification of radioactive waste shipments transported into or within the State of South Carolina. This notification is to be made 72 hours before the expected date of arrival in the State. All written notices should be mailed to:

Bureau of Radiological Health Radioactive Waste Management Section S.C. Dept. of Health and Environmental Control 2600 Bull Street Columbia, South Carolina 29201

- 2. A separate form shall be submitted for each radioactive waste shipment.
- 3. Prior notification is required of all radioactive waste shipments as defined in paragraph 2 of Interim Regulations for the Transportation of Radioactive Waste into or within South Carolina except as provided in paragraph 4.1.2 of the Regulation.
- 4. The "Manifest Summary" portion of this form will satisfy requirements of providing the Department with a shipping manifest, however, it does not satisfy the requirements of shipping documents which shall accompany the shipments as required by DOT Regulations and the disposal facility's license and criteria.
- 5. A copy of this completed form shall be provided to the carrier and all drivers of the radioactive waste shipment.
- 6. Upon delivery of the shipment to the consignee, acknowledgement of receipt shall be obtained, and a copy of this form and the shipper/carrier's certification form shall be returned to the Department.

Specific Instructions

Item Number

- 1. Self Explanatory
- 2. Self Explanatory
- 3. This item applies to all shipments of radioactive waste transported to and within the State of South Carolina.
- 4. Each shipment of radioactive waste shall be identified in some manner by the shipper. This number can be a radioactive shipment record number, bill of lading number, allocation number, etc. The identification number shall only be used once to identify the one shipment for which notification is being made.
- 5. Self Explanatory
- 6. Indicate in this item the disposal facility, company, organization, etc., to which this shipment has been consigned.
- 7. Self Explanatory
- 8. For through shipments, indicate in this item estimated date shipment will pass through the state.
- 9. Self Explanatory
- 10.& 11. Applies only to exclusive use, sole use, and full load shipments.
- 12. All routing information must be specific. You should check with carrier to insure routes you prescribe are appropriate. The carrier is responsible to inform the Department of any changes of routes in South Carolina after departure.
- 13 thru 21. Self Explanatory

Certification: To be signed only by an authorized representative or agent of the shipper and carrier.

DHEC 802 (5/80)

SCUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL Radioactive Waste Shipment Certification Form

General Instructions and Information: This is a two part form to be used by shippers and carriers of radioactive waste. The certifications contained herein satisfy the requirements of Section 13-7-150, of Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act. This certification along with a copy of the prior notification form shall accompany each shipment of radioactive waste into and within the State of South Carolina. The shipper is to complete his portion of the form and present it to the carrier as part of the shipping documents. Upon receipt, the carrier shall complete his portion of the form. Upon delivery of the shipment to the consignee, a copy of this certification form, and a copy of the Prior Notification and Manifest form with the consignee acknowledgement, shall be returned to the Department.

the Department.	
Part I:	Shipper's Certificate of Compliance
l. Name of Shipper and Address:	2. Shipment Identification No.
Umetco Minerals Corporation 137 47th Street	0884-323A
Niagara Falls, NY 14302	3. Transport, Permit No.
Telephone No. (716) 278-336	0211-31-84-X

In compliance with Act No. 499 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, I hereby certify on behalf of the above-named shipper to the South Carolina Department of Health and Environmental Control that the above-named shipper has complied with all provisions of Act No. 499 of 1980, and all applicable laws and administrative rules and regulations, both State and Federal, regarding the packaging, transportation, storage, disposal and delivery of such wastes. I further certify that this shipment of radioactive waste has been inspected within 48 hours of the time of departure and that no items of non-compliance with applicable laws. rules or regulations were found.

Date August 15, 1984

G. E. Walck, Construction Superintendent Typed Name and Title of Agent of Shipper

Part II: Carrie	er's Certification
1. Name of Carrier and Address: Tri-State Motor Transit Company	2. Shipment Identification No. 0884-323A
P. O. Box 113 Joplin, Missouri 64801 Telephone No. (800) 641-7591	3. Transport Trailer No.
4. Scheduled Date of Departure of Shipment: August 15, 1984	5. Estimated Date of Arrival of Shipment: August 17, 1984

Certification is hereby made to the South Carolina Department of Health and Environmental Control that: (a) the shipper has provided the carrier with a copy of the shipment manifest, the certificate of compliance, and the routing instructions; (b) the shipment of radioactive waste has been properly placarded for transport according to applicable U.S. Department of Transportation Regulations; (c) all shipping papers originated or reproduced by the carrier have been properly executed, (d) the transport vehicle has been inspected according to applicable State and Federal regulations within the prescribed intervals and that all safety and operational components are in good working order and meet the requirements of regulations; (e) all drivers who will operate the vehicle within the State of South Carolina are qualified to transport hazardous materials as specified by applicable U.S. Department of Transportation regulations; (f) the Department shall be immediately notified of any variance, occuring after departure, from the shipper's notification of primary routes in South Carolina and estimated date of arrival; (g) all applicable laws and administrative rules and regulations, both State and Federal, regarding the transportation of radioactive wastes will be complied with.

August 15, 1984

Sille F. Wells Driver
or Printed Name and Title

Bully F. Wells)
Signature

DHEC 803 (5/80)

(Copies of this form may be reproduced locally as needed)

SHIPMENT NO. 615-3002

Carrier's No ___G55373

Tri-State Motor Transit Company

Name of Carrier

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

Umetco Minerals Corporation METALS DIVISION

AT Marietta Vohio

Aug. 15 ,19 84 From

UNION(CARBIDE CORPORATION

Niagara Falls, NY
For use via carrier truck under the exclusive/sole use shipments/movements the property described below in apparent good order, except as noted (contents and condition of contents of packages unknown) marked consigned, and destined as indicated below which said carrier (the word carrier being understood through out this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hercunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of I ading set forth (1) in Official, Southern Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accented for himself and his assume

onsigned to	CHEM-NUCLEAR SYSTEMS, TYC. YUCC'METALS DIVISION BARNWELL MANAGEMENT FACT	ILITIES		SHIPPER S OF	RDER NO CUST	OMERS ORDER NO	
	Uravan BARNWELL (Osborn Road)	State Colorado	S. Car	rolina	County Monthose	BARNUELL	
oute							
elivering C	CarrierTri-State Motor Transit	Car or Vehicle Initials	4097	No	445104 S	eal 262502	
No Packages	Kind of Package, Description of Articles, Special marks, and Exceptions	*Weight (Sub to correction)	‡Class or Rate	Check Column	of applicable bill shipment is to	on 7 of Conditions of lading if this be delivered to the	
8	Radioactive Materials. I.SA, nos (520 cu. ft.)				consignor the o		
	Radioactive Material () UN;29,112	[ery of this ship	all not make deliv oment without pay and all other lawful			
	UNaturak				charges	and an other lawren	
	Ułańiúm/万,höłiúm)RésidüesX(From)Chemical(Rhocessing)	(Signature	(Signature of consignor)				
	O'OUOXMay XQuines perkRackageX Less than one (i ———					
	material - solid, metal oxide, contam						
	building rubble, wood and plant equipm						
	This is to certify that the above named materials are proper marked and labeled and are in proper condition for transportations of the Department of Transportation	rly classified des ortation accordin	cribed pao	ckaged plicable	to apply in prepar on the property de	yment of the charges scribed hereon	
	Signed Signed	Wall.			Agent o	r Cashiei	
					Per		
•	Vehicle assigned for sole use of consignor. Do not load o	ther freight on t	† he vehicle	do not	(The signature only the amount p	here acknowledges repaid)	
	transfer in route and do not break the seal on truck			_	Charges	advanced	
-					\$		
	Carrier hereby acknowledges that prior to or at the tir transportation, the shipper provided or affixed, according required placards or orange panels (including prescribed hazardous material named hereon	ng to applicable	e regulatio	ns the	Correct weight is Subject to verificate *L. G. Eva	correctly described on by the ans inerals Corp	
	Signed Bully	7 /4.1	02)		P. (1. Bo)		
	,					Falls, MY 1/	
	_						
agreed or o	declared value of the property is hereby specifically stated by the shipper to be not exceed	ding			per		
	METALS DÍVISIÓN Umetco Minera A A A A Shipper	ls Corpora	tion			Agent	

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TO: L. ROUSE

SHIPMENT

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23)	IMPORTANT	"Th₁s	is to de-	rtify that th	e at	oove-named m	aterials are	prope	rly classified	described	packag	ed, marked:	and,
	labeled, and												
	Transportation	า	,	••									
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rransportation	•	,				_			
Signature	· 🎺	<u>. 3",</u>	. , ⁽² ,	-	(f. I.	Malok)		_	
Company	<u> </u>	3raไร	Corporation			Date	4ugus t	15.	1984

)	. "Certification is noreby made to the South Carolina Department of Health and Environmental Control that this shipment of low
	level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Materia
	License No 097 as amended and the Nuclear Regulatory Commission's License No 46-13536-01 as amended and the
	effective Barnwel Site Disposal Criteria within 48 hours prior to shipment, and further certification is made that the inspection
	revealed no items of non-compliance with all applicable laws rules and regulations

Date Number 1984 By By	Form No. CNS-2
Title and Organization Construction Subt Userton Minerals Corp.	(4/80)
Telephone No (77.5) 270-2361	,,

CITY WINCORD FALLS CONTACT (2. E. VARICK PHONOCHEM NUCLEAR SYSTEMS, INC. P. O. BOX 726, OSBORN ROAD	P. Digerated P. O. Box RADIOA STATE M. Y.	by CHEM-NUCI 726, Barnwell, S (803) 259 CTIVE SHIPMEN	LEAR SYSTEI South Carolin -1781	MS, INC a 29812 FORM	<u></u>	CARRIER TRITE TELEPHONE 417 SHIPMENT TYPE SHIPMENT NO 6 DRIVER SIGNATU	1-624-313 Van Ship 15-3002	ĴSHIPPING DA MENŢ SURFAC LINER SERIAL	TE	5-84
BARNWELL, S.C. 29812			4) 6) [
(5) TOTAL FOR ! PR	OPER SHIPPING NAME & HAZARD CLASS	ID NUMBER	(6)	; SH	IPMENT	Totals			(7) TOTAL	SNM
NO OF WEIGHT	(PER 49 CFR 172 101)	!		074		TVITY (10CFR 20 311)		SOURCE	ISOTOPE	GRAMS
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Radioactive Material, low specific Radioactive Material, nos —	ecific activity, in o.s.—Radioactive Material	UN2912 · UN2982	520	8 ,068	NP	NP NP	NP	0.8	TOTAL	
Radioactive Material, limited	quantity, n o s —Radioactive Material	UN2910	(8) ,							
	form, n o s —Radioactive Material nents and articles—Radioactive Material	UN2974 UN2911	TOTAL PALL VOLUME (CU		W/	r A	,		•	
Other (Specify)			VOLUME (CC			-				
13) (Yes () No THIS VEHICLE IS CONSIGNATED BY CONSIGNATION () No THIS VEHICLE IS CONSIGNATED BY CONSIGNATION () No THIS VEHICLE IS VEHICLE IS VEHICLE IS VEHICLE IS VEHICL	(10) PHYSICAL FORM/ SOLIDIFICATION AGENT NED EXCLUSIVE USE LOADING AND UNLOADING MUSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT -named materials are properly classified, described, pack ansportation according to the applicable regulations of the I	aged, marked Department of	of low l Materia amend made t	ation is hereby made evel radioactive was il License No 097 ed, and the effective hat the inspection r 17-54 ad Organization	ste has bê as amei Barnwel revealed	een inspected in aconded, and the Nuil I Site Disposal Crite no items of non co	cordance with clear Regulatoria within 48 h mpliance with	n the requireme ory Commission ours prior to shi	nts of South Caroli n's License No 13 pment, and furthei	na Radioactivi 2-13536 01-a rcertification i
Company Cinagro MINER	PALS CORP. Date D'-	17-84.	Teleph	one No (7/6)	178	· 3361	•		· ·	•
		CNSI USE					<u> </u>			,—,—,—, ,
☐ This material meets all license require	ments	•					•	•		
☐ This material was disposed of in accord	dance with license	•		Arrıval Date		<u> </u>	Ar	rıval Survey No		
☐ Discrepancy		DISPOSAL S	SITE COPY	Date/Time	Buried _		H	P ,Initial	· · · · · · · · · · · · · · · · · · ·	
		Form No CI (9-83				·		•		
Date		SEE INSTRUCTIONS O FOR FILLING OUT		,					ıre	
Authorized Signature	Title						•		•	

CITY MINGRAM FIBLLS STATE ALLS CONTACT GO E MINISCOLO PHONE 716-278-3	P O Box 726, Barr (803 RADIOACTIVE SH	MANAGEMENT I M-NUCLEAR SYSTEMS, I nwell, South Carolina 29 3) 259-1781 IPMENT MANIFEST FOR	INC 812 RM	telephone <i>417-62</i> shipment type <i>Van</i>		
(2) consigned to CHEM NUCLEAR SYSTEMS, INC P O BOX 726, OSBORN ROAD BARNWELL, S C 29812	(3) USE THIS NUMBER ON VOLU	UME ALLOCATION NO		DRIVER SIGNATURE	1 5 5	DATE 1
PROPER SHIPPING NAME & FACH CLASS NO OF WEIGHT (Pounds) Radioactive Material, empty packages Radioactive Material, fissile, n o s — Radioactive Material, and specific activity, n o s — Radioactive Material, no s — Radioactive Material, and specific activity, n o s — Radioactive Material, and specific activity, n o s — Radioactive Material, and special form, n o s — Radioactive Material, imited quantity, n o s — Radioactive Material, special form, n o s — Radioactive Material, instruments and articles — Radioactive Mater	UN2 erial UN2 dioactive Material UN2 active Material UN2 ve Material UN2 oactive Material UN2 oactive Material UN2 CO PHYSICAL FORM/ SOLIDIFICATION AGENT DADING AND UNLOADING MUST BE OR HIS DESIGNATED AGENT operly classified, described, packaged, market the applicable regulations of the Department of	(15) "Certification is of low-level ra Material Lice amended, an made that th	CHEMICAL FORM AN NAME AND % OF CHEMICAL TO THE Shereby made to the So adioactive waste has been se No 097 as amend the effective Barnwell	ID ELATING AGENT(S) with Carolina Department on inspected in according to the Nuclear Site Disposal Criteria with citems of non compliance of the Nuclear Site Disposal Criteria with the Nuclear Site Dispos	nt of Health and Environme ance with the requiremen Regulatory Commission thin 48 hours prior to ship	ISOTOPE GRAMS U 233 U 235 TOTAL (12) WASTE FORM CLASS Ental Control that this shipment the of South Carolina Radioactive is License No 12 13536-01 as ment, and further certification is aws, rules and regulations
☐ This material meets all license requirements ☐ This material was disposed of in accordance with license ☐ Discrepancy	CUST	OMER'S COPY	Arrival Date	77.7.7.7.	Arrival Survey No	
Date	SEL INSTRI	m No CNS-201 (9-83) UCT:ONS ON REVERSE SIDE LEING OUT THIS FORM	Trench No Waste Class Code		Location Code	e

ADDRESS 137 A 77 (72887 P)	ELL WASTE MANAGEMEN erated by CHEM-NUCLEAR SYSTEM) Box 726, Barnwell, South Carolina (803) 259-1781 ADIOACTIVE SHIPMENT MANIFEST	S, INC 29812 CARRIER TATE FORM TELEPHONE	TE ADDRESS TOPIAL MINITED ATE (PE MAN) SHIPMENT SURFACE EXPOSE	A-15-24.
CONTACT LA LA LA PHONE 7/1278-336/ (2) consigned to CHEM NUCLEAR SYSTEMS, INC P O BOX 726, OSBORN ROAD BARNWELL, S C 29812 PHONE 7/1278-336/ (3) USE THIS NUMBER ALL CONTINUATION PARTICLE AND PA		·	D <u>(18:300%</u> LINER SERIAL NO DAT	
PROPER SHIPPING NAME & HAZARD CLASS NO OF PACKAGES (Pounds) Radioactive Material, empty packages Radioactive Material, fissile, n o s — Radioactive Material Radioactive Material, low specific activity, n o s — Radioactive Material Radioactive Material, n o s — Radioactive Material Radioactive Material, special form, n o s — Radioactive Material Radioactive Material, instruments and articles — Radioactive Material Other (Specify) (9) WASTE DESCRIPTION OASTAMLINGTON DESCRIPTION ACCOMPLISHED BY CONSIGNED EXCLUSIVE USE LOADING AND UNLOADIN ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGE (14) IMPORTANT "This is to certify that the above named materials are properly classified, describe and labeled, and are in proper condition for transportation according to the applicable regulations Transportation Signature Company Date	UN2918 UN2912 UN2912 UN2910 UN2910 UN2974 UN2911 VOLUME (CU INT G MUST BE ENT d, packaged, marked softhe Department of Date Title and	T FT) CHEMICAL FORM AND NAME AND % OF CHELATING AGE and the effective Barnwell Site Disposal Co.	SOURCE (Pounds) U 2 U 2 U 2 U 2 U 2 U 2 U 3 U 2 U 3 U 5 U 6 U 7 U 7 U 7 U 8 U 8 U 9 U 9 U 9 U 9 U 9 U 9	WASTE FORM CLASS A B C Introl that this shipment uth Carolina Radioactive ise No 12 13536 01 as ind further certification is
☐ This material meets all license requirements ☐ This material was disposed of in accordance with license ☐ Discrepancy	TRIPLICATE COPY	Arrıval Date	Arrıval Survey No H P Initial	
	Form No CNS-201 (9-83)	Trench No		
Date	SEE INSTRUCTIONS ON REVERSE SIDE FOR FILLING OUT THIS FORM		Personnel Exposure	

Union Carbide Corporation LINDE DIVISION • GAS PRODUCTS COMPLEX 4501 ROYAL AVENUE NIAGARA FALLS N.Y 14304 WEIGHT TICKET

Union Carbide Corporation

LINDE DIVISION & GAS PRODUCTS COMPLEX
4501 ROYAL AVENUE NIAGARA FALLS, N.Y. 14304

WEIGHT TICKET

TOTAL BUSINESS

10:23808/15/84 0000 - 6006 68655 - 270900%

10:23408/15/84 0000 0000 22 2 22 GROSS 31400*

12500

- 3.0 AT DESTINATION (Union Carbide Corporation, Uravan, Colorado)
 - 3.1 Give notification of arrival and receive guidance to unloading site.
 - 3.2 Examine security seals and inspect outside of truck for damage or pilfering.
 - 3.3 The shipment must be unloaded by Consignor from the transport vehicle in which originally loaded.
 - 3.4 UCC or its representative will certify vehicles clean and available for Unrestricted Use and decontaminate if necessary.

4.0 PENALTY

4.1 Any deviation from these instructions or violations of State and Federal laws could result in carrier penalty.

Form RHA-PNC (5/80)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTRL Radioactive Waste Shipment Prior Notification and Manifest Form

	Reverse Side	for Instructions	11. 6 2.3			
1. Name and Address of Shipper		2. Person Responsible for Radioactive				
Umetco Minerals Corpora	tion	Waste Shipment (a) Name G. E. Walck				
137 47th Street	•					
Niagara Falls, NY 1430		(b) Title Construction Superinten (c) Telephone No. (716) 278-336				
3. Radioactive Waste Transport Pe	rmit No	4. Shipment Identification No.				
0211-31-84-X		0884-323A				
5. Location from which waste will	be shipped	6. Name and	Address of Consignee			
			luclear Systems, Inc.			
Same as (1) Above		P.O. Box 726 Barnwell, South Carolina 29812				
7. Scheduled Date of Departure of	Shipment	8. Estimated Date of Arrival of Shipment.				
August 15, 1984	Dilipmone	August 17, 1984				
						
9. Carrier		ransport Vehicle	11. Trailer No. and Owner (if available)			
-State Motor Transit	Close	d Van	(11 4/4114210)			
12. Routes shipment will follow i	n State of Sou	th Carolina (Be S	pecific)			
-						
I-20, I-26, US-321,	S.C. 3 and	S.C. 64				
•						
	Manifest	Summary				
13. Type Container or Cask	14. Contair	ner Spec	15. Total No. of Containers			
Wood Boxes	CFR 49	173.392 (c)	8			
16 Waste Description, Physical a	<u> </u>		t Radionuclides			
Chemical Form Contaminate	d Solids.		um (Nat.) .0028			
etal Oxides, Bldg. Rubble,	Wood and	ł .	um (Nat.) .004			
ant <u>Hardware</u>		<u> </u>	20. Total Cubic Feet			
18. Total Curies	19 Transpor	ct Group	20. Total Cubic Feet			
.068	III	Ī	520			
• • • • • • • • • • • • • • • • • • • •	d quantities dioactive	Normal Form [] Type A quantity [] Type B quantity [] Large quantity	[] Type B quantity [] Class II			
	CEDMI P	TCATTON				
	CERTIF	ICATION				
I hereby certify on behalf of the and Environmental Control that the best of my knowledge, and that the Act No. 499 of 1980, the South Carte August 8, 1984 G. E. Walck - Construction	he information he shipper has arolina Radioa.	complied with all	the provisions as required by			
Typed Name and Title of Agent of	Shipper	Sygnature	G. E. Walck)			
••						
	CONSTGNEE AC	KNOWLEDGEMENT				
This acknowledges to the Sout the above-described radioacti	h Carolina Dep ve waste shipm	artment of Health ent was received	and Environmental Control that			
		Camature	f Consignee or authorized			
Date of Delivery		Agent				
		3				
		Typed or Pr	inted Name and Title			

Original: $S^{(5/80)}$ Carolina of this form may be reproduced locally as needed) Copy: Chem-Nuclear

UN2912

General Instructions and Information

1. This form is to be used to provide the Department with prior notification of radioactive waste shipments transported into or within the State of South Carolina. This notification is to be made 72 hours before the expected date of arrival in the State. All written notices should be mailed to:

Bureau of Radiological Health Radioactive Waste Management Section S.C. Dept. of Health and Environmental Control 2600 Bull Street Columbia, South Carolina 29201

- 2. A separate form shall be submitted for each radioactive waste shipment.
- 3. Prior notification is required of all radioactive waste shipments as defined in paragraph 2 of Interim Regulations for the Transportation of Radioactive Waste into or within South Carolina except as provided in paragraph 4.1.2 of the Regulation.
- The "Manifest Summary" portion of this form will satisfy requirements of providing the Department with a shipping manifest, however, it does not satisfy the requirements of shipping documents which shall accompany the shipments as required by DOT Regulations and the disposal facility's license and criteria.
- 5. A copy of this completed form shall be provided to the carrier and all drivers of the radioactive waste shipment.
- 6. Upon delivery of the shipment to the consignee, acknowledgement of receipt shall be obtained, and a copy of this form and the shipper/carrier's certification form shall be returned to the Department.

Specific Instructions

Item Number

- 1. Self Explanatory
- 2. Self Explanatory
- This item applies to all shipments of radioactive waste transported to and within the State of South Carolina.
- 4. Each shipment of radioactive waste shall be identified in some manner by the shipper. This number can be a radioactive shipment record number, bill of lading number, allocation number, etc. The identification number shall only be used once to identify the one shipment for which notification is being made.
- 5. Self Explanatory
- 6. Indicate in this item the disposal facility, company, organization, etc., to which this shipment has been consigned.
- 7. Self Explanatory
- 8. For through shipments, indicate in this item estimated date shipment will pass through the state.
- 9. Self Explanatory
- 10.& 11. Applies only to exclusive use, sole use, and full load shipments.
- All routing information must be specific. You should check with carrier to insure routes you prescribe are appropriate. The carrier is responsible to inform the Department of any changes of routes in South Carolina after departure.
- 13 thru 21. Self Explanatory

Certification: To be signed only by an authorized representative or agent of the shipper and carrier.

DHEC 802 (5/80)